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PTO/SB/81 (11-96)

Approved for use through 6/30/99. OMB 0651-0035

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION**

Application Number	09/665,394
Filing Date	September 20, 2000
First Named Inventor	Subir VARMA
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	164.1013.01

I hereby appoint:

Practitioners at Customer Number

22883

22883

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

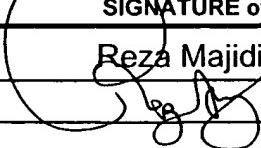
<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		

I am the:

Applicant.

Assignee of record of the entire interest
Certificate under 37 CFR 3.73(b) is enclosed

SIGNATURE of Applicant or Assignee of Record

Name	Reza Majidi-Ahy, President and CEO
Signature	
Date	11-2-01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/01 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	164.1013.01
First Named Inventor	Subir VARMA
COMPLETE IF KNOWN	
Application Number	09 / 665,394
Filing Date	September 20, 2000
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Dynamic Wireless Link Adaptation

the specification of which
 is attached hereto
OR
 was filed on (MM/DD/YYYY) September 20, 2000 as United States Application Number or PCT International

Application Number 09/665,394 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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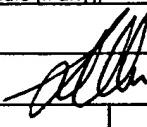
Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION — Utility or Design Patent Application

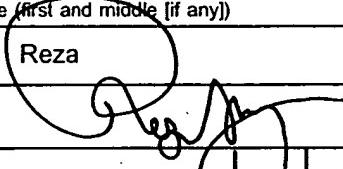
I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)	
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.			
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <input type="checkbox"/> Customer Number <input type="text"/> → Place Customer Number Bar Code Label here OR <input type="checkbox"/> Registered practitioner(s) name/registration number listed below			
Name	Registration Number	Name	Registration Number
<input type="checkbox"/> Additional registered practitioner(s) named on supplement sheet PTO/SB/02C attached hereto.			
Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number <input type="checkbox"/> Bar Code Label		OR <input type="checkbox"/> Correspondence address below 22883	
Name			
Address			
Address			
City	State	ZIP	
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any) Subir		Family Name or Surname Varma	
Inventor's Signature			
Residence: City	San Jose	State	CA
Post Office Address	Country USA		
Post Office Address			
City	San Jose	State	CA ZIP 95120 Country USA
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto			

Please type a plus sign (+) inside this box →

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet
		Page <u>1</u> of <u>1</u>

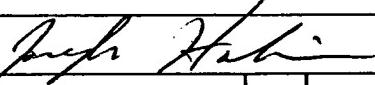
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Reza				Majidi-Ahy				
Inventor's Signature							Date <u>10-25-2000</u>	
Residence: City	Los Altos	State	CA	Country	USA	Citizenship	US	
Post Office Address	1225 Eva Avenue							
Post Office Address								
City	Los Altos	State	CA	ZIP	94022	Country	USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Joseph				Hakim				
Inventor's Signature							Date	
Residence: City	Sunnyvale	State	CA	Country	USA	Citizenship	Canada	
Post Office Address	759 Lakebird Drive							
Post Office Address								
City	Sunnyvale	State	CA	ZIP	94089	Country	USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Wendy Chiu Fai				Wong				
Inventor's Signature							Date	
Residence: City	San Jose	State	CA	Country	US	Citizenship	US	
Post Office Address	1579 Wawona Drive							
Post Office Address								
City	San Jose	State	CA	ZIP	95125	Country	US	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
Reza			Majidi-Ahy				
Inventor's Signature							Date
Residence: City	Los Altos	State	CA	Country	USA	Citizenship	US
Post Office Address	1225 Eva Avenue						
Post Office Address							
City	Los Altos	State	CA	ZIP	94022	Country	USA
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Joseph			Hakim				
Inventor's Signature							Date
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Given Name (first and middle [if any])			Family Name or Surname				
Wendy Chiu Fai			Wong				
Inventor's Signature							Date
Residence: City	San Jose	State	CA	Country	US	Citizenship	US
Post Office Address	1579 Wawona Drive						
Post Office Address							
City	San Jose	State	CA	ZIP	95125	Country	US

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Please type a plus sign (+) inside this box → **DECLARATION****ADDITIONAL INVENTOR(S)
Supplemental Sheet**
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Reza				Majidi-Ahy				
Inventor's Signature							Date	
Residence: City	Los Altos	State	CA	Country	USA	Citizenship	US	
Post Office Address	1225 Eva Avenue							
Post Office Address								
City	Los Altos	State	CA	ZIP	94022	Country	USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Joseph				Hakim				
Inventor's Signature							Date	
Residence: City	Sunnyvale	State	CA	Country	USA	Citizenship	Canada	
Post Office Address	759 Lakebird Drive							
Post Office Address								
City	Sunnyvale	State	CA	ZIP	94089	Country	USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Wendy Chiu Fai				Wong				
Inventor's Signature	<i>Wendy Chiu Fai</i>						Date	<u>10/10/2002</u>
Residence: City	San Jose	State	CA	Country	US	Citizenship	US	
Post Office Address	1579 Wawona Drive							
Post Office Address								
City	San Jose	State	CA	ZIP	95125	Country	US	

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Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 07, 2000

PTAS

SWERNOFSKY LAW GROUP
JOHN C. MERCHANT
P.O. BOX 390013
MOUNTAIN VIEW, CA 94039-00

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700002691A

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/02/2000

REEL/FRAME: 011082/0245

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

VARMA, SUBIR

DOC DATE: 10/10/2000

ASSIGNEE:

MAJIDI-AHY, REZA

DOC DATE: 10/25/2000

ASSIGNEE:

HAKIM, JOSEPH

DOC DATE: 10/10/2000

ASSIGNEE:

WONG, WENDY CHIU FAI

DOC DATE: 10/10/2000

ASSIGNEE:

APERTO NETWORKS, INC.
1637 SOUTH MAIN STREET
MILPITAS, CALIFORNIA 95035

INIT	SLG
<input checked="" type="checkbox"/>	DATA OK
NEED CORR	

CTS

OPR/ASSIGNMENTS 11/7/00 4:02: PAGE 003/6 RightFAX
SERIAL NUMBER: 09665394 FILING DATE: 0 20/2000
PATENT NUMBER: ISSUE DATE:

011082/0245 PAGE 2

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11/02/2000

164.1013.01

700002691**700002691**FORM PTO-1619A
Revised 06/09/99
OMB 0651-0027

22883

U.S. Department of Commerce
Patent and Trademark Office
PATENT**RECORDATION FORM COVER SHEET****PATENTS ONLY**

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Submission Type

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 Resubmission (Non-Recordation)
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 Correction of PTO Error
 Reel # Frame #
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 Reel # Frame #

Conveyance Type

- Assignment Security Agreement
 License Change of Name
 Merger Other
U.S. Government
 (For Use ONLY by U.S. Government Agencies)
 Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
 Month Day Year

Name (line 1) Varma, Subir 10 10 2000Name (line 2) **Second Party**Name (line 1) Majidi-Ahy, Reza 10 25 2000Name (line 2) **Receiving Party** Mark if additional names of receiving parties attached

Name (line 1) Aperto Networks, Inc. If document to be recorded
 in an assignment and the
 receiving party is not
 domiciled in the United
 States, no appointment
 of a domestic
 representative is attached.
 (Designation must be a
 separate document from
 Assignment.)
 Name (line 2)
 Address (line 1) 1637 South Main Street
 Address (line 2)
 Address (line 3) Milpitas CA 95035
 City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name John C. Merchant
 Address (line 1) Swernofsky Law Group
 Address (line 2) P.O.Box 390013
 Address (line 3) Mountain View, CA 94039-0013
 Address (line 4) United States

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 Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FORM PTO-1619B Express postage paid OMB 0651-0027		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
C Respondent Name and Address		Area Code and Telephone Number 650.947.0700		
Name	John C. Merchant			Reg. No. 45,996
Address (line 1)	Sternofsky Law Group			
Address (line 2)	P.O.Box 390013			
Address (line 3)	Mountain View, CA 94039-00			
Address (line 4)	United States			
Pages	Enter the total number of pages of the attached conveyance document			# 4
Application Number(s) or Patent Number(s)				
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).				
Patent Application Number(s)		Patent Number(s)		
08665394				
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.				
Month Day Year				
Patent Cooperation Treaty (PCT)				
Enter PCT application number only if a U.S. Application Number has not been assigned.		PCT	PCT	PCT
Number of Properties				
Enter the total number of properties involved. # 1				
Fee Amount		Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00		
Method of Payment: Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)		Enclosed <input type="checkbox"/>	Deposit Account <input checked="" type="checkbox"/>	
		# 50-0365		
Authorization to charge additional fees: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Statement and Signature				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
John C. Merchant				November 2, 2000
Name of Person Signing		Signature		Date

RECORDATION FORM COVER SHEET		U.S. Department of Commerce Patent and Trademark Office PATENT	
CONTINUATION PATENTS ONLY			
Conveying Party(ies) Enter additional Conveying Parties		<input type="checkbox"/> Mark if additional names of conveying parties attached	
Name (line 1)	Heklim, Joseph		Execution Date Month Day Year 10 10 2000
Name (line 2)			Execution Date Month Day Year
Name (line 1)	Wong, Wendy Chiu Fal		10 10 2000
Name (line 2)			Execution Date Month Day Year
Name (line 1)			Execution Date Month Day Year
Name (line 2)			Execution Date Month Day Year
Receiving Party(ies) Enter additional Receiving Party(ies)		<input type="checkbox"/> Mark if additional names of receiving parties attached	
Name (line 1)			<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)			
Address (line 1)			
Address (line 2)			
Address (line 3)	City	State/Country	Zip Code
Name (line 1)			<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)			
Address (line 1)			
Address (line 2)			
Address (line 3)	City	State/Country	Zip Code
Application Number(s) or Patent Number(s)		<input type="checkbox"/> Mark if additional numbers attached	
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).			
Patent Application Number(s)		Patent Number(s)	

22883

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at _____, this 10th day of
October, 2000.


Subir Varma

Reza Majidi-Ahy

Joseph Hakim

Wendy Chiu Fai Wong

Assignment

22883

164.1013.01

ASSIGNMENT

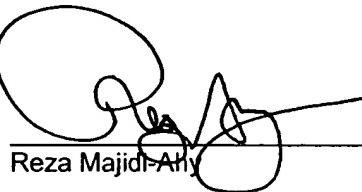
WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at 25, this 25th day of
October, 2000.

Subir Varma



Reza Majidi-Ahy

Joseph Hakim

Wendy Chiu Fai Wong

Assignment

22883

WHEREAS, We, Subir Varma, a citizen of United States, residing at 6886 Village Wood Way, San Jose, California 95120, Reza Majidi-Ahy, a citizen of United States, residing at 1225 Eva Avenue, Los Altos, California 94024, Joseph Hakim, a citizen of Canada, residing at 759 Lakebird Drive, Sunnyvale, California 94089, and Wendy Chiu Fai Wong, a citizen of United States, residing at 1579 Wawona Drive, San Jose, California 95125, have invented a "Dynamic Wireless Link Adaptation" for which we have executed application papers for a U.S. patent thereon, which was filed on September 20, 2000, Serial No. 09/665,394; and

WHEREAS, Aperto Networks, Inc. a California corporation, having a place of business at 1637 South Main, San Jose, California 95035, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Subir Varma, Reza Majidi-Ahy, Joseph Hakim, and Wendy Chiu Fai Wong, do sell, assign, transfer and set over unto the said Aperto Networks, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Aperto Networks, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at _____, this 10th day of
October, 2000.

Subir Varma

Reza Majidi-Ahy

Joseph Hakim

Wendy Chiu Fai Wong

Assignment

22883

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Subir VARMA

Application No./Patent No.: 09/665,394 Filed/Issue Date: September 20, 2000

Entitled: Dynamic Wireless Link Adaptation

Aperto Networks, Inc. , a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. [X] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.

[NOTE] A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

11-7-00

Date

Signature

Reza Majidi-Ahy

Typed or printed name

President and CEO

Title

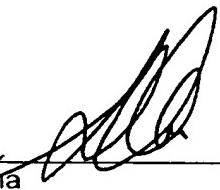
COPY**ASSIGNMENT**

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October, 2000.



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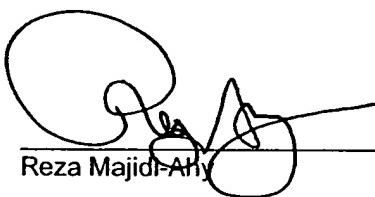
164.1013.01

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WITNESS OUR HAND at _____ 25, this 25th day of
October, 2000.

Subir Varma
Reza Majidi-Ahy

Joseph Hakim

Wendy Chiu Fai Wong

Assignment

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22883
PATENT TRADEMARK OFFICE

164.1013.01

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